15

is phenylene-1,4-diyl, unsubstituted, monosubstituted or disubstituted by F, pyridine-2,5-diyl, 2-fluoropyridine-3,6-diyl, pyrimidine-2,5-diyl R¹⁰, R¹¹ are, independently of one another, identical or different and are each hydrogen or a straight-chain or branched alkyl or alkyloxy radical (with or without asymmetric carbon atoms) having 2 - 16 carbon atoms, where one or two nonterminal -CH₂- groups may be replaced by -CH=CH-, -OC(=O)-, -C(=O)O- and one or more H atoms may be replaced by F

with the proviso that only one of the radicals R¹⁰, R¹¹ can be hydrogen.

In (X), F^2 is benzothiazole-2,6-diyl, possibly also indane-2,5-diyl

is phenylene-1,4-diyl, pyridine-2,5-diyl, pyrimidine-2,5-diyl

p is 1

q is zero

20 R¹⁰, R¹¹ are, independently of one another, identical or different and are each hydrogen or a straight-chain or branched alkyl or alkyloxy radical (with or without asymmetric carbon atoms) having 2 - 16 carbon atoms, where one or two nonterminal -CH₂- groups may be replaced by -CH=CH-, -OC(=O)-, -C(=O)O- and one or more H atoms may be replaced by F with the proviso that only one of the radicals R¹⁰, R¹¹ can be hydrogen.

30 diylp is zero or 1q is zero or 1, with the proviso that q is zero when p is 1

5

10

15

20

25

30

 R^{10} , R^{11} are, independently of one another, identical or different and are each hydrogen or a straight-chain or branched alkyl or alkyloxy radical (with or without asymmetric carbon atoms) having 2 - 16 carbon atoms, where one or two nonterminal -CH₂- groups may be replaced by -CH=CH-, -OC(=O)-, -C(=O)O- and one or more H atoms may be replaced by F with the proviso that only one of the radicals R^{10} , R^{11} can be hydrogen.

In **(XII)**, G^1 is a bivalent radical selected from the group consisting of 1,1'-biphenyl-4,4'-diyl, unsubstituted, monosubstituted or disubstituted by F, 1,1'-phenylcyclohexyl-4,4'-diyl, R^{10} , R^{11} are, independently of one another, identical or different and are each hydrogen or a straight-chain or branched alkyl or alkyloxy radical (with or without asymmetric carbon atoms) having 2 - 16 carbon atoms, where one or two nonterminal -CH₂- groups may be replaced by -CH=CH-, -OC(=O)-, -C(=O)O- and one or more H atoms may be replaced by F with the proviso that only one of the radicals R^{10} , R^{11} can be hydrogen.

In **(XIII)**, is phenanthrene-2,7-diyl, 1-fluorophenanthrene-2,7-diyl or 1,8-difluorophenanthrene-2,7-diyl, in which P^2 may alternatively be a (saturated) alicycle R^{10} , R^{11} are, independently of one another, identical or different and are each hydrogen or a straight-chain or branched alkyl or alkyloxy radical (with or without asymmetric carbon atoms) having 2 - 16 carbon atoms, where one or two nonterminal -CH₂- groups may be replaced by -CH=CH-, -OC(=O)-, -C(=O)O- and one or more H atoms may be replaced by F with the proviso that only one of the radicals R^{10} , R^{11} can be hydrogen

In **(XIV)**, U^1 U^2 U^3 is a bivalent fluorene-2,7-diyl radical

p is zero or 1

p is zero.

 R^{10} , R^{11} are, independently of one another, identical or different and are each hydrogen or a straight-chain or branched alkyl or alkyloxy radical (with or without asymmetric carbon atoms) having 2 - 16 carbon atoms, where one or two nonterminal -CH₂- groups may be replaced by -CH=CH-, -OC(=O)-, -C(=O)O- and one or more H atoms may be replaced by F with the proviso that only one of the radicals R^{10} , R^{11} can be hydrogen.

In **(XV)**, is phenylene-1,4-diyl, pyridine-2,5-diyl, pyrimidine-2,5-diyl,

10

15

5

is phenylene-1,3-diyl

p is 1

 R^{10} , R^{11} are, independently of one another, identical or different and are each hydrogen or a straight-chain or branched alkyl or alkyloxy radical (with or without asymmetric carbon atoms) having 2 - 16 carbon atoms, where one or two nonterminal -CH₂- groups may be replaced by -CH=CH-, -OC(=O)-, -C(=O)O- and one or more H atoms may be replaced by F with the proviso that only one of the radicals R^{10} , R^{11} can be hydrogen.

20 In **(XVI)**, , is phenylene-1,4-diyl, unsubstituted, monosubstituted or disubstituted by F, naphthalene-2,6-diyl, unsubstituted, monosubstituted or disubstituted by F

is phenylene-1,4-diyl, unsubstituted, mono-

substituted or disubstituted by F, cyclohexane-1,4-diyl, pyridine-2,5-diyl, 2-fluoropyridine-3,6-diyl, pyrimidine-2,5-diyl

ris 1

25

q, s are each zero or 1, their sum being 1

R¹⁰, R¹¹ are, independently of one another, identical or different and are each hydrogen or a straight-chain or branched alkyl or alkyloxy radical (with or without asymmetric carbon atoms) having 2 - 16 carbon atoms, where one or two nonterminal -CH₂- groups may be replaced by -CH=CH-, -OC(=O)-, -C(=O)O- and one or more H atoms may be replaced by F with the proviso that only one of the radicals R¹⁰, R¹¹ can be hydrogen.